

Amendments to the Claims

The following listing of claims replaces all prior versions and listings of claims in this application:

1. (Original) A plant for producing a nonwoven fabric at least of synthetic fibres comprising:
 - at least one air-laying station comprising:
 - an endless wire,
 - a suction box, which is connected to a vacuum pump, said suction box being placed under said endless wire,
 - a house with one or more fibre inlets, said house being placed above the upper part of said endless wire,
 - a number of rotatably arranged wings for during operation distributing the fibres in a non-woven web upon the upper part of said endless wire, said wings being placed above said endless wire in said house,
 - at least one heat-treatment station for bonding the synthetic fibres by heating the web, said heat-treatment station being arranged downstream of said at least one air-laying station,
 - at least one hydro-entangling station for directing a number of powerful liquid jets against the bonded web, said hydro-entangling station being arranged downstream of said at least one heat-treatment station, and
 - means for continuous transport of the web through the plant.
2. (Original) A plant according to claim 1 wherein at least one drying station for drying the hydro-entangled nonwoven web is arranged downstream of the hydro-entangling station.
3. (Original) A plant according to claim 2 wherein the drying station is adapted to act upon the hydro-entangled nonwoven web with temperature sufficient to further bond the synthetic fibres.

4. (Original) A plant according to claim 2 wherein the drying station comprises a rotatable drum which has a perforated wall for during operation supporting a length of the hydroentangled nonwoven web and simultaneously allowing a stream of air to pass.

5. (Original) A plant according to claim 1 wherein the plant comprises at least three in succession arranged air-laying stations.

6. (Currently Amended) A nonwoven fabric in the form of a three-layered hydro-entangled sandwich fibre web comprising at least synthetic fibres and cellulosic fibers produced in a plant comprising:

at least one air-laying station comprising:

an endless wire,

a suction box, which is connected to a vacuum pump, said suction box being placed under said endless wire,

a house with one or more fibre inlets, said house being placed above the upper part of said endless wire,

a number of rotatably arranged wings for during operation distributing the fibres in a nonwoven web upon the upper part of said endless wire, said wings being placed above said endless wire in said house,

at least one heat-treatment station for bonding the synthetic fibres by heating the web, said heat-treatment station being arranged downstream of said at least one air-laying station,

at least one hydro-entangling station for directing a number of powerful liquid jets against the bonded web, said hydro-entangling station being arranged downstream of said at least one heat-treatment station, and

means for continuous transport of the web through the plant,

wherein the non-woven fabric is produced by:

supplying synthetic fibres to a first forming head for forming a layer of the web;

supplying cellulose fibres to a second forming head for forming another layer of

the web;

supplying synthetic fibers to a third forming head for forming another layer of the

web;

successively laying the layers on top of one another whereby a three-layered sandwich fibre web is formed;

hydro-entangling the thus formed web for forming a strong bond between the fibres in the layers of the web; and

heating the web at the heat-treatment station for bonding the synthetic fibres and drying the web.

7. (Currently Amended) A nonwoven fabric according to claim 6 wherein at least part of the synthetic fibres are bi-component fibres, which each consists of a core of a first plastic surrounded by a second plastic having a ~~[[higher]]~~ lower melting point than the first plastic.

8. (Currently Amended) A nonwoven fabric according to claim 6 wherein the fabric comprises cellulose fibres present in an amount of between 50% and 95%, wherein the cellulose fibres are provided in the web by forming a separate layer of the cellulose fibres and associating the layer of cellulose fibres with the layer of synthetic fibers prior to hydro-entangling and heating of the web.

9. (Currently Amended) A nonwoven fabric according to claim ~~[[6]]~~ 8 wherein the fabric comprises cellulose fibres present in an amount of between 60% and 90%.

10. (Currently Amended) A nonwoven fabric according to claim ~~[[6]]~~ 8 wherein the fabric comprises cellulose fibres present in an amount of between 75% and 85%.

11. (Withdrawn, Currently Amended) A non-woven fabric in the form of a three-layered hydro-entangled sandwich fibre web comprising top, bottom and middle layers with the top and bottom layers comprising the nonwoven fabric of claim 6 and the middle layer comprising cellulose fibres.

12. (Withdrawn, Currently Amended) A non-woven fabric in the form of a three-layered hydro-entangled sandwich fibre web comprising top, bottom and middle layers at least having synthetic fibres in the bottom and top layers and cellulose fibres in the middle layer.

13. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12, wherein the cellulose fibres have a length of up to about 6 mm.

14. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12, wherein the synthetic fibres have a length of about 2-25 mm.

15. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12, wherein the middle layer further comprises synthetic fibres.

16. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12, wherein the top and bottom layers further comprise cellulose fibres.

17. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12, wherein the synthetic fibres are bicomponent fibres.

18. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12, wherein the middle layer further comprises an alternative fibre.

19. (Withdrawn, Currently Amended) A non-woven fabric according to claim 18, wherein the alternative fibre comprises absorbent fibres having a length of about 2-25 mm.

20. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12 in the form of wet wipes.

21. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12 in the form of towels.

22. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12 in the form of drapes.

23. (Withdrawn, Currently Amended) A non-woven fabric according to claim 12 in the form of gowns.

24. (Withdrawn, Original) A process for forming a three-layered hydro-entangled sandwich fibre web, said process comprising:

supplying to a first forming head fibres for the bottom layer, said fibres comprising at least synthetic fibres;

supplying to a second forming head fibres for the middle layer, said fibres comprising at least cellulose fibres;

supplying to a third forming head fibres for the top layer, said fibres comprising at least synthetic fibres;

forming the three layers in the each layer's separate forming head;

successively laying the layers on top of one another whereby a three-layered sandwich fibre web is formed;

hydro-entangling the thus formed web for forming a strong bond between the fibres in the web; and

heating the web for bonding the synthetic fibres and drying the web.

25. (Withdrawn, Currently Amended) A non-woven fabric comprising the three-layered hydro-entangled sandwich fibre web produced by the process of claim 24.

26. (Original) A plant according to claim 1, wherein the plant is used for production of a three-layered sandwich-fibre web.

27. (Withdrawn, Currently Amended) A non-woven fabric comprising the three-layered hydro-entangled sandwich fibre web produced by the plant of claim 26.